

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of transferring data elements of a data structure to a receiving unit in a broadcast video system, the method comprising:

broadcasting enhancement computer program code to a plurality of receiving units including said receiving unit wherein said code defines a data structure within a memory of said receiving units, provides a menu having a plurality of enhancement selections, associates an identifier with at least one enhancement selection of said plurality of enhancement selections, and enables said receiving unit to acquire data using said identifier;

accessing a plurality of data elements such that at least one data element corresponds to said at least one enhancement selection;

associating said identifier with said at least one data element;

broadcasting said at least one data element and said identifier to said plurality of receiving units including said receiving unit;

accessing a second data element corresponding to said at least one enhancement;

associating said identifier with said second data element; and

broadcasting said second data element and said identifier to said plurality of receiving units including said receiving unit.

2. (Currently Amended) The method of claim 1 further comprising:

accessing a third data element [[the]] that corresponds to another enhancement selection of said plurality of enhancement selections;

associating another identifier with said third data element; and

broadcasting said third data element and said identifier to said plurality of receiving units including said receiving unit.

3. (Original) The method of claim 1 wherein said second data element replaces said first data element in said data structure in said receiver.

4. (Original) The method of claim 1 further comprising:
broadcasting computer program code associated with said at least one enhancement selection to said plurality of receiving units including said receiving unit that detects and acquires data associated with said identifier and that stores said data in a memory of said receiving unit.
5. (Original) The method of claim 1 further comprising:
associating a link with said at least one data element wherein said link is activated if the display of said at least one data element is selected by a user.
6. (Original) The method of claim 1 further comprising:
associating executable program code with said at least one data element wherein said code is executed if the display of said at least one data element is selected by a user.
7. (Currently Amended) The method of claim 1 further comprising:
receiving a request from said receiving unit for said at least one enhancement selection of said plurality of enhancement selections.
8. (Original) The method of claim 7 further comprising:
transmitting computer program code associated with said at least one enhancement selection to said receiving unit that detects and acquires data associated with said identifier and that stores said data in a memory of said receiving unit.
9. (Original) The method of claim 7 further comprising:
associating a link with said at least one data element wherein said link is activated if the display of said at least one data element is selected by a user.
10. (Original) The method of claim 7 further comprising:
associating executable program code with said at least one data element wherein said code is executed if the display of said at least one data element is selected by a user.

11. (Original) The method of claim 7 further comprising:
accessing a first data element that corresponds to said at least one enhancement selection;
transmitting said first data element to said receiver.
12. (Original) The method of claim 11 wherein said step of transmitting further comprises:
transmitting said first data element addressed to said receiving unit prior to broadcasting
said least one data element and said identifier to said plurality of receiving units including said
receiving unit.
13. (Currently Amended) A method of replicating a portion of a data structure stored in an
upstream device of a broadcast system in a receiving unit of said broadcast system and
displaying an element of said data structure at said receiving unit, the method comprising:
receiving a broadcast at said receiving unit that includes enhancement computer program
code that defines at least one data structure and that provides a menu having a plurality of
different enhancement selections and that associates an identifier with at least one enhancement
selection of said plurality of different enhancement selections and that enables said receiving unit
to acquire data associated with said identifier;
receiving a user input selecting said at least one enhancement selection from said menu;
monitoring a broadcast for said identifier;
acquiring a data element associated with said identifier;
storing said data element in said data structure in a memory of said receiving unit; and
displaying said data element.
14. (Original) The method of claim 13 further comprising:
monitoring said broadcast for said identifier;
acquiring enhancement processing program code associated with said identifier; and
displaying said data element in accordance with said enhancement processing program
code.

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15. (Original) The method of claim 13 further comprising:
receiving a user input selecting the display of said data element; and
activating a link associated with said data element if said link exists.
 16. (Original) The method of claim 13 further comprising:
receiving a user input selecting the display of said data element; and
executing computer program code associated with said data element if said code exists.
 17. (Original) The method of claim 13 further comprising:
receiving a user input selecting the display of said data element; and
acquiring and processing data using a second identifier associated with said data element
if said second identifier exists.
 18. (Original) The method of claim 13 further comprising:
issuing a request to an upstream device for said at least one enhancement selection.
 19. (Original) The method of claim 18 further comprising:
receiving a transmission at said receiving unit that contains a first data element; and
storing said first data element in said data structure.
 20. (Original) The method of claim 18 further comprising:
receiving a user input selecting the display of said data element; and
activating a link associated with said data element if said link exists.
 21. (Original) The method of claim 18 further comprising:
receiving a user input selecting the display of said data element; and
executing computer program code associated with said data element if said code exists.
 22. (Original) The method of claim 18 further comprising:
receiving a user input selecting the display of said data element; and

acquiring and processing data using a second identifier associated with said data element if said second identifier exists.

23. (Currently Amended) The method of claim 13 wherein said data element further comprises:

an indicator that no additional data elements associated with said ~~request~~ identifier remain to be broadcast.

24. (Currently Amended) A receiving unit that replicates a portion of a broadcast data structure, the receiving unit comprising:

a CPU;

a memory;

video hardware that produces an on-screen display of enhancement data elements; and

computer program code received from a broadcast and stored in said memory that defines a data structure and an enhancement menu having at least one enhancement selection associated with an identifier and that monitors a broadcast for said identifier and acquires and stores a data element associated with said identifier in said data structure, and displays said data element, if a user selects said at least one enhancement selection.

25. (Currently Amended) The ~~method~~ receiving unit of claim 24 wherein said computer program code further comprises:

code that issue a request to an upstream device for enhancement data associated with said at least one enhancement selection in response to a user input selecting said at least one enhancement selection.

26. (Currently Amended) The ~~system~~ receiving unit of claim 25 further comprising:

program code that receives a transmitted data element and that stores said transmitted data element in said data structure in said memory.

27. (Currently Amended) A method of replicating a portion of an upstream device data structure in a receiving unit, the method comprising:

determining enhancement content to be provided;

creating an enhancement broadcast schedule;

creating an enhancement menu having a plurality of enhancement selections;

associating an identifier with at least one enhancement selection of said plurality of enhancement selections;

broadcasting said enhancement menu including computer program code that enables displaying said enhancement menu to a plurality of receivers;

accessing a plurality of data elements for said enhancement menu selections;

associating said identifier with at least one data element of said plurality of data elements;

and

broadcasting said at least one data element and said identifier to a plurality of receiving units including said receiving unit.

28. (Currently Amended) The method of claim [[25]] 27 further comprising:

receiving a request from said receiving unit for said at least one enhancement selection.

29. (Currently Amended) The method of claim [[26]] 28 further comprising:

accessing a first data element associated with said at least one enhancement selection;

and

transmitting said first data element to said receiving unit.

30. (Currently Amended) The method of claim [[27]] 29 further comprising:

creating a transmission schedule including said first data element.